



# TURMOTEMP Super 2 EP

K P FK 2 U -30



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**TURMOTEMP SUPER 2 EP** is a lubricant based on perfluorinated oils (PFPE) and a metal soap. Due to this we were able to combine the positive properties of the chemically and thermally very stable perfluorinated base oils with the excellent properties of the metal soap. This means under thermal and mechanical load the lubricant flows back to the contact surfaces and reduces wear to a minimum. It is particularly suitable for high temperature ranges. In this case the periods of re-lubrication have to be adjusted accordingly. Due to longer periods of inadequate re-lubrication, the grease lubrication passes to a paste-like lubrication.

## Special properties

- Remarkable oxidation stability
- Very high load carrying capacity
- Very good corrosion protection
- Excellent wear protection
- Excellent lubricating properties
- Miscible with all PFPE/PTFE containing lubricants
- Preferred operating temperatur-range above 120°C

Product Characteristics	Value	Dimension	Norm / Standard
Colour	white		
Density at 20°C	1,88	g/cm <sup>3</sup>	DIN 51757
Operating temperature range	-30 to 320	°C	
Thickener	Metal soap		
Base oil	PFPE		
Kin. viscosity of the base oil at 40°C	500	mm <sup>2</sup> /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	45	mm <sup>2</sup> /s	DIN EN ISO 3104
Worked penetration	265 – 295	mm/10	DIN ISO 2137
Consistency class (NLGI)	2		DIN 51818
Corrosion protection ( SKF-Emscor)	0 / 0		DIN 51802
Speed factor of grease (n x dm)	300 000	mm/min	
Four-ball test O.K. load / welded load	8000 / 8500	N	DIN 51350

## Application

Application areas include thermally highly loaded antifriction bearings, roller bearings and guiding rollers in conveying systems.

Prior to the initial lubrication with **TURMOTEMP SUPER 2 EP** it is mandatory to clean surfaces thoroughly. Optimum lubricating properties can only be fully achieved on clean and dry material surfaces.

## Please note

**TURMOTEMP SUPER 2 EP** is not resistant against water and steam. Therefore the product is easily washed out by means of aqueous and alkali cleaners. Due to the high density the product is quickly setting down in the cleaner bath. This allows a separation from the cleaner without problems.

## Packaging units

100 g tubes, 190 g tubes, 800 g cartridges, 1 kg cans, 10 kg hobbock

The products are subject to continuous strict production controls and comply with our own factory specifications. A warranty for each case cannot be given, due to the variety of relevant factors. Therefore, we recommend the implementation of field tests. Herewith, any liability is expressly excluded.

LUBRICANT CONSULT GMBH · Gutenbergstrasse 13 · 63477 Maintal (Germany)

Tel: +49 (0) 6109 / 7650-0 · Fax: +49 (0) 6109 / 7650-51 · E-Mail: [webmaster@lubcon.com](mailto:webmaster@lubcon.com) · Internet: <http://www.lubcon.com>